

115,369

PATENT



SPECIFICATION

Application Date, Oct. 19, 1917- No. 15,218/17.

Complete Accepted, May 9, 1918.

COMPLETE SPECIFICATION.

Improvements in Combined Mattresses and Sleeping Bags.

We, WILSON & Co., Inc., a corporation duly organized under the laws of the State of New York, with offices at Union Stock Yards, Chicago, State of Illinois, United States of America; and BERGET HENRI BLOCKSON, Department Manager, of 9606, Vanderpoel Avenue, Chicago, State of Illinois, United States of America, do hereby declare the nature of our said invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:-

This invention relates to sleeping bags for outdoor use and to the kind in which the lower portion of the bag comprises a mattress and pillow, part of the bag being arranged to form a head flap and part being adapted to open to admit the user, whilst the whole is adapted to be rolled up for transport purposes.

The object of the invention is to provide a sleeping bag of simple and improved construction and with this object in view the principal feature of the invention consists in providing a sleeping bag of the kind referred to above with side and end walls connecting the top and bottom portions, a part of the lower edge of one of the side walls being separable from the bottom portion.

In the accompanying drawing, illustrating the invention,

Figure 1 is a perspective view showing the main flap elevated at the head end of the bag and also showing the flap opened up somewhat more than it would be in actual use perhaps, but for the purpose of more fully illustrating the structure;

Fig. 2 is a longitudinal section;

Fig. 3 is a transverse sectional view on the line 3-3 of Fig. 2, and

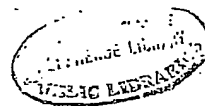
Fig. 4 illustrates the device when rolled and secured for transporting.

Referring to the drawings, the mattress comprises a filler 5 and a covering 6 and is made of sufficient width to accommodate the average man and about six and one-half feet long. The filler is preferably hair but I may use any other suitable filler such as cotton, cotton felt or shoddy. The covering is preferably made of waterproof material such as army duck, but any other suitable material may be used.

In the construction which I now prefer the top 7 and bottom 8 of the mattress covering are joined in a suitable manner at their edges to provide a tight covering which will snugly enclose the filler and preserve its shape and which will facilitate rolling the device into a handy bundle of small compass.

A pillow is provided at the head end of the mattress and it comprises a filler 10

[Price 6d.]



and a covering 11, preferably made of the same material as the mattress. The filler is laid upon the mattress covering and the pillow covering 11 is then sewed or otherwise secured at its edges to the mattress covering.

The mattress forms the bottom of the bag which comprises a main or body flap consisting of the top 12, the side 13 fastened at its edges to the mattress and the top, the side 14 fastened at one edge of the top and for a portion of its other edge to the side edge of the mattress and the end 15 fastened at its edges to the mattress, the top and the sides of the flap.

At the upper end of the bag there is provided a hood for covering the head which consists of an end 16 fastened to the mattress and the side 13, and a flap 17 fastened to the end 16 and the side 13.

The construction of the main flap with its sides and ends provides that desired fullness which is required to accommodate the occupant comfortably and enables the occupant to move and turn over without disturbing any of the parts of the bag. The lower end of the bag provides a pocket in which extra blankets, clothing or other things may be conveniently stored when the bag is in use, and they will be protected against the weather and against loss. This pocket also serves the purpose of confining the occupant's feet against accidental exposure and at the same time prevents discomfort and allows freedom of movement. Tapes 18 or other suitable fastening means are provided for securing the free edge of the main flap to the mattress.

The hood is provided to cover the head of the occupant as a protection against the weather and also against insects and when not in use it can be thrown out of the way over the upper edge of the pillow.

The device is intended to be rolled upon itself into a roll for transporting and I provide tapes 20 for this purpose. These tapes are preferably secured to the mattress covering at the foot end thereof or in any other convenient position for tying, but they may be used separate or other suitable means may be substituted therefor.

The invention provides a comfortable device of this character which can be easily and quickly made ready for use and which is capable of being formed into a compact and secure roll for transporting. It will be readily appreciated that clothes, blankets and other things may be rolled up in the device for transporting and that they will be fully protected against loss, dirt and the weather. The construction is such that the mattress and bag may be well aired and cleaned and yet there are no separate or detachable parts which might easily be lost. The device may be used on the ground or on a floor or on a cot or even in a hammock, and when rolled for transporting it is in convenient form for handling.

The invention has a further important advantage of being light in weight, it having been demonstrated that the device can be satisfactorily made, weighing about fourteen pounds, and since it can be easily rolled into a compact bundle for transporting and quickly prepared for instant use it has been found to be especially adapted for army service.

It will be apparent that various changes may be made in the form, construction and arrangement of the parts without departing from the spirit and scope of the invention or sacrificing any of the material advantages thereof, the form hereinbefore described being merely a preferred embodiment thereof.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. In a sleeping bag of the kind referred to the provision of side and end walls connecting the top and bottom portions, a part of the lower edge of one of said side walls being separable from the bottom portion as and for the purpose set forth.

2. A sleeping bag, as set forth in Claim 1 wherein a head flap is provided

consisting of an end wall secured to said bottom and to the rear side wall, and wherein a flap member is secured to the latter end wall and to said side wall.

3. A sleeping bag, substantially as described and illustrated, and for the purpose set forth.

5 Dated this 19th day of October, 1917.

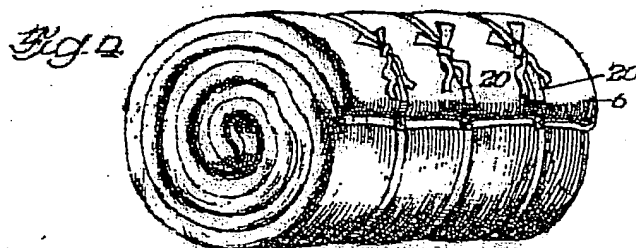
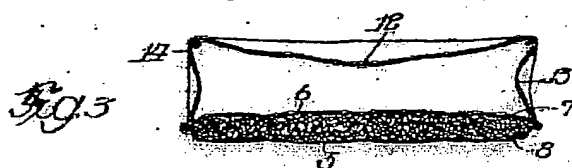
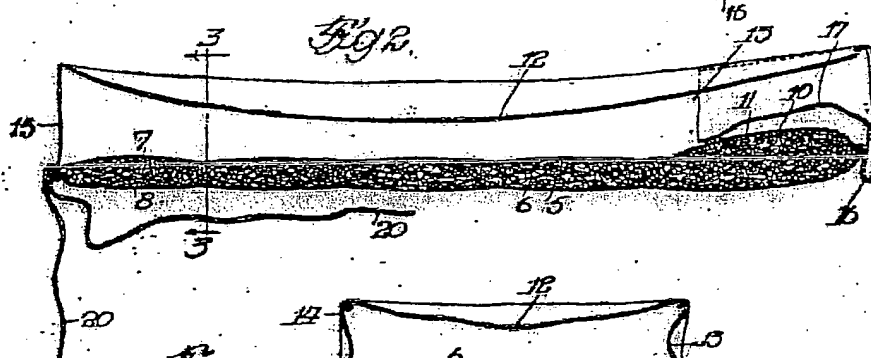
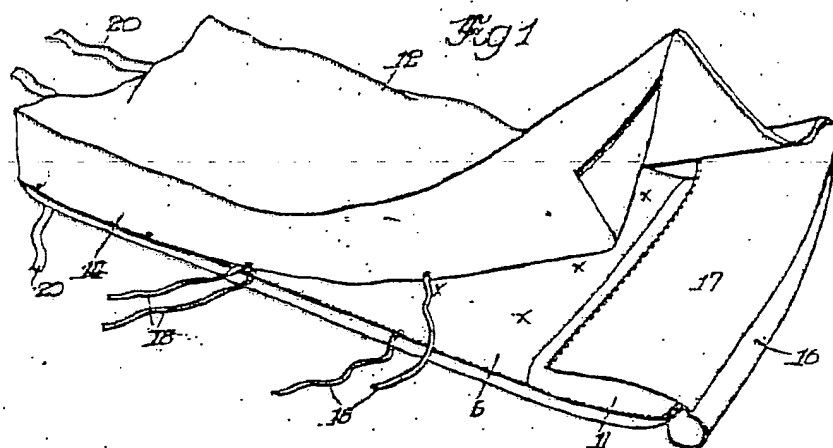
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Redhill: Printed for His Majesty's Stationery Office, by Love & Malcomson, Ltd.—1918.

[This Drawing is a reproduction of the Original on a reduced scale.]



DERWENT-ACC-NO: 1979-D0149E

DERWENT-WEEK: 197914

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TITLE: Sleeping bag with tie-up device - consisting of two straps extending from one short edge to secure bag when it is rolled up

PATENT-ASSIGNEE: ETAB SEMENTS LEOPOL[LEOPN]

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ABSTRACTED-PUB-NO: FR 2396490A

BASIC-ABSTRACT:

The sleeping-bag (1) has two straps (6, 7) which are used to confine the bag when rolled up. When extended the bag is of an elongated rectangular shape, and the two straps (6, 7) extend perpendicularly from one of the shorter edges.

The straps are of a greater length than the circumference of the rolled up bag.

The strap may be fixed to the edge of the bag where the opening is provided, may be fixed on the quarter points or two adjacent on sixth points of the side concerned, and may be 50% longer than the circumference of the rolled up bag.

TITLE-TERMS: SLEEP BAG TIE UP DEVICE CONSIST TWO STRAP EXTEND ONE SHORT EDGE  
SECURE BAG ROLL UP

DERWENT-CLASS: P27